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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO	
09/846,758 05/01/2001		Alex Liu	EP01-001C 4859		
23500	7590 03/03/2005		EXAM	INER	
PATENT D	DEPT		MORAN, MA	ARJORIE A	
EXELIXIS,			ART UNIT	PAPER NUMBER	
P.O. BOX 5			1631		
SOUTH SA	N FRANCISCO, CA 940	83-0511	DATE MAILED: 03/03/2005	5	

Please find below and/or attached an Office communication concerning this application or proceeding.

DOCKETED Exelixis, Inc.

## Application No. Applicant(s) Advisory Action 09/846.758 LIU ET AL. Before the Filing of an Appeal Brief Examiner **Art Unit** 1631 Marjorie A. Moran --The MAILING DATE of this communication appears on the cover sheet with the correspondence address --THE REPLY FILED 07 February 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. 1. The reply was filed after a final rejection, but prior to filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods: a) The period for reply expires \_\_\_\_\_months from the mailing date of the final rejection. b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f). Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). NOTICE OF APPEAL 2. The reply was filed after the date of filing a Notice of Appeal, but prior to the date of filing an appeal brief. The Notice of Appeal was filed on <u>07 February 2005</u>. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a). 3. The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because (a) They raise new issues that would require further consideration and/or search (see NOTE below); (b) They raise the issue of new matter (see NOTE below); (c) They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or (d) They present additional claims without canceling a corresponding number of finally rejected claims. NOTE: \_\_\_\_\_ (See 37 CFR 1.116 and 41.33(a)). 4. The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324). 5. Applicant's reply has overcome the following rejection(s): 6. Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s). 7. For purposes of appeal, the proposed amendment(s): a) 🔲 will not be entered, or b) 🔯 will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended. The status of the claim(s) is (or will be) as follows: Claim(s) allowed: Claim(s) objected to: Claim(s) rejected: 1-11 and 15-25. Claim(s) withdrawn from consideration: 12-14. AFFIDAVIT OR OTHER EVIDENCE 8. The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e). <sup>'</sup>9. 🔲 The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will <u>not</u> be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1). 10. The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached. REQUEST FOR RECONSIDERATION/OTHER 11. 🛮 The request for reconsideration has been considered but does NOT place the application in condition for allowance

12. Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s)

Marjorie A. Mor<u>an</u>

Primary Examine Art Unit: 1631

U.S. Patent and Trademark Office

because:

13. Other:

## Continuation Sheet (PTOL-303) PTOL-303 (Rev. 9-04)

Advisory Action Before the Filing of an Appeal Brief

Application No.
Part of Paper No. 20050302

Continuation of box 11, above: the prior art of NEFF et al. (US 6,534,313) teaches an insertional mutagen capable of both gain- and loss-of-function mutations (col. 16, lines 2-28), wherein either mutation is dominant. As NEFF was applied, in various combinations, in rejections under 35 USC 103 against all of claims 1-11 and 15-25 in the final office action of 8/6/04, the examiner maintains that the prior art of record teaches all of the claimed limitations, and the amended claims remain rejected. In response to the rejection that JOHNSON "teaches away" from BRIGGS, it is noted that JOHNSON teaches that his genetic marker is inherited in a dominant manner (col. 8, lines 19-23), NOT that his marker is either gain- or loss-of-function. BRIGGS teaches in the background of his invention that insertional mutagenesis for causing gain-of-function was known (col. 2, lines 38-44). As NEFF teaches that either a gain-of-function or a loss-of-function mutation caused by insertional mutagenesis may be a dominant mutation, the examiner maintains that one skilled in the art would reasonably have expected success in combining the teachings of BRIGGS with JOHNSON, therefore applicant's arguments are not persuasive

PTO/SB/21 (09-04)
red 3 through 07/31/2006, OMB 0651-0031
ark C U.S. DEPARTMENT OF COMMERCE

Approved U.S. Patent and Trademark C

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(PF TD ANGUITTAL		Application Number	er	09/846,75	8	
ONE TRANSMITTAL	Filing Date	•	May 1, 20	01		
FORM	First Named Inven	tor	Alex Liu			
(SEP 0 6 1005 E	Art Unit		1631			
y lo be use the all correspondence after	initial filing)	Examiner Name	-	Moran	<u> </u>	
Total Number of Pages in This Submiss		Attorney Docket N	umber	EP01-001	C	
	ENCLO	SURES (check all tha	it apply)			
Fee Transmittal Form	Drawing(s	s)	`	After All	owance Commu	inication to TC
Fee Attached	Licensing	-related Papers			Communication als and Interfer	
Amendment / Reply	Petition	•	7		Communication Notice, Brief, Rep	
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Affidavits/declaration(s)		Attorney, Revocation of Correspondence Add	ress	Status L	.etter '	
Extension of Time Request	Terminal	Disclaimer		(please id	inclosure(s) dentify below):	
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Information Disclosure Statement	☐ Landscape Table on CD					·
Certified Copy of Priority Document(s)	Remarks		٠			
Reply to Missing Parts/						
Incomplete Application Reply to Missing Parts under 37 CFR1.52 or 1.53						·
SIG	NATURE OF	APPLICANT, ATTOR	RNEY, OF	RAGENT		
Firm	Exelixis, Inc.					
Signature	JAMA	1 50				
Printed Name	Terri L. Sale					
Date	February 7, 200	5	Reg. No.	45,066		
	CERTIFICA	TE OF TRANSMISS	ION/MAIL	ING		
I hereby certify that this corresponder Service with sufficient postage as Ex Patents, P.O. Box 1450, Alexandria, V.	xpress Mail Lat	oel No. ED711661202	US in an	or deposited envelope ad	dressed to: Co	d States Postal mmissioner for
Signature	yuana,	Sectional				
Typed or printed name Luajuana	VeGrande	/ / -		Date	February 7, 2	005

This collection of Information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/21 (09-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

September 6, 2005

Date

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 28

Alexandria, VA 22313-1450 on the date shown below.

Terri L. Sale

Signature

Typed or printed name

Application Number		09/846,758
	Filing Date	May 1, 2001
First Named Inventor		Alex Liu
	Art Unit	1631
Examiner Name		Marjorie A. Moran
	Attorney Docket Number	EP01-001C

ENCLOSURES (check all that apply)							
Fee Transmittal Form	nsmittal Form Drawing(s) After Allowance Communication						
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences					
Amendment / Reply	Petition Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)						
After Final	Petition to Convert to a Provisional Application		Proprietary Information				
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Add	ess	Status Letter				
Extension of Time Request	Terminal Disclaimer		Other Enclosure(s) (please identify below):				
Express Abandonment Request	Request for Refund  CD, Number of CD(s)		Request for RCE Submission with amendment Copy of advisory action				
☐ Information Disclosure Statement	☐ Landscape Table on CD Return Receipt Postcard						
Certified Copy of Priority Document(s)	Remarks						
Reply to Missing Parts/ Incomplete Application							
Reply to Missing Parts under 37 CFR1.52 or 1.53							
SIGI	NATURE OF APPLICANT, ATTOR	RNEY, O	R AGENT				
Firm	Exelixis, Inc.						
Signature	Peni 2 São						
Printed Name	Terri L. Sale						
Date	September 6, 2005 Reg. No. 45,066						
CERTIFICATE OF TRANSMISSION/MAILING							
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450,							

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Complete (if applicable)

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Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT 2870

SUBMITTED BY

Complete if Known					
Application Number	09/846,758				
Filing Date	May 1, 2001				
First Named Inventor	Alex Liu				
Examiner Name	Marjorie A. Moran				
Art Unit	1631				
Attorney Docket No.	EP01-001C				

FFF OAL OLD ATION (continued)

METHOD OF PATMENT (CHeck all that apply)			3. ADDITIONAL FEES				
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☑ Deposit Account:		Fee	Fee	Fee	Fee	E. B. and Mar.	Dalid
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Number		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Deposit Account	50-1108	1053	130	1053	130	Non-English specification	
Name		1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
	uthorized to: (check all that apply) ndicated below 🔯 Credit any overpayments	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge any ad	ditional fee(s) or any underpayment of fee(s) ndicated below, except for the filing fee	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	fied deposit account.	1251	110	2251	55	Extension for reply within first month	
	FEE CALCULATION	1252	430	2252	215	Extension for reply within second month	
1. BASIC F	LING FEE	1253	980	2253	490	Extension for reply within third month	
	Small Entity	1254	1,530	2254	765	Extension for reply within fourth month	
	ee Fee <u>Fee Description</u>	1255	2,080	2255	1,040	Extension for reply within fifth month	2080
	ode (\$) Fee Pald	1401	340	2401	170	Notice of Appeal	
	001 395 Utility filing fee 002 175 Design filing fee	1402	340	2402	170	Filing a brief in support of an appeal	
	003 275 Plant filing fee	1403	300	2403	150	Request for oral hearing	
1	004 395 Reissue filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
	005 80 Provisional filling fee	1452	110	2452	55	Petition to revive – unavoidable	
		1453	1,370	2453	685	Petition to revive - unintentional	
	SUBTOTAL (1) (\$) 0	1501	1,370	2501	685	Utility issue fee (or reissue)	
2. EXTRA CLA	IM FEES FOR UTILITY AND REISSUE	1502	490	2502	245	Design issue fee	
	Fee from	1503	660	2503	330	Plant issue fee	
Total Claims	Extra Claims below Fee Pai	1 1460	130	1460	130	Petitions to the Commissioner	
Independent		1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Claims	-3 ** = 0 X = 0	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Dependent	x = 0	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
Large Entity	Small Entity	1809	790	2809	395	Filing a submission after final rejection	
Fee Fee	Foo Foo	-				(37 CFR § 1.129(a))	
Code (\$)	Code (\$) Fee Description	1810	790	2810	395	For each additional invention to be	
1202 18 1201 88	2202 9 Claims in excess of 20	- 1				examined (37 CFR § 1.129(b))	
1201 88 1203 300	2201 44 Independent claims in excess of 3 2203 150 Multiple dependent claim, if not paid		. 790	2801	395	Request for Continued Examination (RCE)	790
1204 88	2204 44 ** Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 18	2205 9 ** Reissue claims in excess of 20 and over original patent	Other	r fee (speci	fv)		a. a acc.g. approxime.	
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**or number previously paid, if greater; For Reissues, see above							

Terri L.Sale Registration No. (Attorney/Agent) 45,066 Telephone 650 837-7460 Name (Print/Type) September 6, 2005 Signature

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Express Mail No. ED 711661202 U.S Date Mailed Fcb 2005 Invento	First Class Mail ( )
Serial No. 09/846, 758 Confirmation No. Title System for Functions	Filing Date 1 May 2001 of Gene Discovery in Plants
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	( ) IDS/Form 1449pgs.
w/ exhibits,pgs.	( ) w/refspgs. ( ) w/o refs.
(XAppeal, Notice of	( ) Issue Fee Transmittalpgs.
( ) Application:	Petition to Extend Timepgs. (+ 1 Copy
Specificationpgs. Claims,pgs.	( ) Power of Attorneypgs. ( ) PCT-EASY Requestpgs.
( ) Drawings: Figures Sheets	( ) PCT-EASY diskette
( ) Declaration Of Inventorshippgs.	( ) Sequence Submission:
( ) Executed ( ) Unexecuted ( ) Copy	( ) CRF:( ) Paperpgs.
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Other: Notice of Appeal 1p+1c	0704
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. ***	Issue Fee Transmittalpgs. (# / Copy)
( ) Application:	Power of Attorneypgs.
Specificationpgs.	) PCT-EASY Requestpgs.
Claims,pgs.	( ) PCT-EASY diskette
( ) Drawings: Figures	/ \ Sequence Submission:
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( ) Fee Transmittal Form	( ) Statement verifying above copiespgs.
Payment by Deposit Account	(X Transmittal Letterpgs.
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